

(use as many sheets as necessary)

Complete if Known

Application Number	10/804,358
Filing Date	March 19, 2004
First Named Inventor	Ralph D. Gillespie et al.
Art Unit	1764
Examiner Name	Not yet assigned
Attorney Docket Number	106207C

[illegible][illegible]

EXAMINER	DATE CONSIDERED
DA 04	9/8/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

04/12/04 MON 09:06 FAX 847 391 2387

UOP PATENT DPT.

004

Sheet 1 of 5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	<i>Complete If Known</i>	
	Application Number	10/804,358
	Filing Date	March 19, 2004
	First Named Inventor	Ralph D. Gillespie et al.
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
	Attorney Docket Number	106207C

THE FOLLOWING DOCUMENT IS SUBMITTED WITH THE FILING OF THIS APPLICATION:

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RM</i>			Robert A. Meyers, The Handbook of Petroleum Refining Processes, 1986, 5-49 through 5-51.
-----------	--	--	--

THE FOLLOWING DOCUMENTS WERE SUBMITTED EITHER WITH PARENT APPLICATIONS 10/717,812 AND 10/718,050 BOTH FILED 11/20/03, OR 09/942,237 FILED 8/29/01.

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBL. DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RM</i>	2,939,896 B1	6/60	Myers	260	683.68	12/9/57
<i>RM</i>	2,966,528	12/60	Haensel	260	666	11/8/57
<i>RM</i>	2,985,589	5/61	Broughton et al.	210	34	5/22/57
<i>RM</i>	3,040,777	6/62	Carson et al.	137	625.15	4/10/59
<i>RM</i>	3,175,444	3/65	Spinney	83	251	3/7/62
<i>RM</i>	3,422,848	1/69	Liebman et al.	137	625.15	6/9/66

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	INT'L CLASS	TRANSLATION	
							YES	NO
<i>N/A</i>	JP61242641 A	1985	Japan	Kokai			Abstract only	
	EP 0 666 109 A1	1995	EPO	Umansky et al.	B01J27/0	53	X	
	EP-0983967 AT	5/00	EPO	Gillespie				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Graham v. John Deere Co., 383 U.S. 1, 148 USPQ 459 (1966)
			Ex parte Rubin (POBA 1959) 128 U.S.P.Q. 440
EXAMINER	<i>DDV</i>	DATE CONSIDERED	<i>7/8/05</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete If Known	
	Application Number	10/804,358
	Filing Date	March 19, 2004
	First Named Inventor	Ralph D. Gillespie et al.
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
	Attorney Docket Number	106207C

THE FOLLOWING DOCUMENTS WERE SUBMITTED EITHER WITH PARENT APPLICATIONS 10/717,812 AND 10/718,050 BOTH FILED 11/20/03, OR 09/942,237 FILED 8/29/01.

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBL. DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MD</i>	3,755,144	8/73	Asselin	208	95	0/13/71
	3,915,845 B1	10/75	Antos	208	139	12/6/73
	4,003,826	1/77	Antos	208	139	0/28/75
	4,024,052	5/77	Antos	208	139	1/20/75
	4,024,077	5/77	Engelhard et al.	252	442	7/31/75
	4,061,724	12/77	Grose et al.	423	335	9/22/75
	4,073,865	2/78	Flanigen et al.	423	339	9/27/76
	4,087,381	5/78	Antos	252	441	1/12/77
	4,310,440	1/82	Wilson et al.	252	435	7/7/80
	4,440,871	4/84	Lok et al.	502	214	7/26/82
	4,567,027	1/86	Detournay et al.	423	101	7/16/84
	4,567,029	1/86	Wilson et al.	423	306	7/15/83
	4,709,116	11/87	Zarchy et al.	585	738	6/30/86
	4,709,117	11/87	Gray, Jr.	585	738	4/7/86
	4,717,784	1/88	Stern et al.	585	738	2/10/86
<i>MD</i>	4,758,419	7/88	Lok et al.	423	306	4/13/84

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
<i>N/A</i> EP 1002579 A1	3/00	EPO	Marella et al.			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>N/A</i>	Cohn v. Comr. Pats. (DCDC 1966) 251 F Supp 378, 148 U.S.P.Q. 486.
<i>N/A</i>	In re Boe, 145 U.S.P.Q. 507 (CCPA 1966).
EXAMINER <i>DACH</i>	DATE CONSIDERED <i>7/18/02</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

04/12/04 MON 09:07 FAX 847 391 2387

UOP PATENT DPT.

006

Sheet 3 of 5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	10/804,358
	Filing Date	March 19, 2004
	First Named Inventor	Ralph D. Gillespie et al.
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
	Attorney Docket Number	106207C

THE FOLLOWING DOCUMENTS WERE SUBMITTED EITHER WITH PARENT APPLICATIONS 10/717,812 AND 10/718,050 BOTH FILED 11/20/03, OR 09/942,237 FILED 8/29/01.

U.S. PATENT DOCUMENTS

EXISTENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	PUBL. DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TD		4,804,802	2/89	Evans et al.	585	734	1/25/88
		4,804,803	2/89	Schmidt et al.	585	748	12/7/87
		4,834,958	5/89	Zones	423	277	2/17/87
		4,909,116	3/90	Tanaka et al.	84	692	6/24/88
		4,918,041 B1	4/90	Hollstein et al.	502	217	9/21/88
		4,956,519 B1	9/90	Hollstein et al.	585	751	11/13/89
		5,019,671	5/91	Hsu et al.	585	751	7/10/89
		5,026,951	6/91	Schmidt et al.	585	738	1/9/90
		5,036,035 B1	7/91	Baba et al.	502	221	3/21/89
		5,036,085	7/91	Heinemann et al.	514	361	3/19/90
TD		5,107,052	4/92	McCulloch et al.	585	738	12/31/90
		5,120,898	6/92	Baba et al.	585	750	5/15/91
		5,146,035	9/92	Spehlmann et al.	585	667	12/24/90
		5,146,037	9/92	Zarchy et al.	585	738	11/29/90

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

N/A			Patent Abstracts of Japan, Vol 011, No. 089 March 19, 1987 & JP 61 242641 A (Res Assoc Util of Light Oil), 28 October 1986 abstract.
N/A			Database WPI Section CH, Week 198649 Derwent Publications Ltd., London, GB Class H04, AN 1986-32390 XP002222499 & JP 61 242641 A (Keishitsu Ryubun Shinyoto), 28 October 1986 abstract.
EXAMINER			DATE CONSIDERED
DPA			7/8/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 4 of 5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	10/804,358
	Filing Date	March 19, 2004
	First Named Inventor	Ralph D. Gillespie et al.
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
	Attorney Docket Number	106207C

THE FOLLOWING DOCUMENTS WERE SUBMITTED EITHER WITH PARENT APPLICATIONS 10/717,312 AND 10/718,050 BOTH FILED 11/20/03, OR 09/942,237 FILED 8/29/01.

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBL DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DD	5,157,199	10/92	Soled et al.	585	750	4/1/91
	5,182,247	1/93	Kuhlmann et al.	502	217	2/11/91
	5,212,136 B1	5/93	Angstadt et al.	502	206	11/27/91
	5,214,017 B1	5/93	Angstadt et al.	502	204	11/27/91
	5,310,868 B1	5/94	Angstadt et al.	585	721	12/17/92
	5,321,197	6/94	Angstadt et al.	585	721	12/17/92
	5,340,465	8/94	Gillespie et al.	208	191	10/14/93
	5,360,534	11/94	Rice et al.	208	139	5/24/93
	5,491,278	2/96	Angstadt et al.	585	731	11/12/93
	5,493,067 B1	2/96	Angstadt et al.	585	731	11/12/93
	5,629,257	5/77	Umansky et al.	502	217	1/21/94
	5,744,684	4/98	Zinnen et al.	585	737	6/18/96
	5,762,887	6/98	Girod et al.	422	200	2/4/97
	5,762,888	6/98	Sechrist	422	216	8/13/96
DD	5,768,904	6/98	Tagamolila et al.	62	238.3	5/2/97

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DD	DATE CONSIDERED	7/8/05
----------	----	-----------------	--------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

04/12/04 MON 09:07 FAX 847 391 2387

UOP PATENT DPT.

008

Sheet 5 of 5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	<i>Complete If Known</i>	
	Application Number	10/804,358
	Filing Date	March 19, 2004
	First Named Inventor	Ralph D. Gillespie et al.
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
	Attorney Docket Number	106207C

THE FOLLOWING DOCUMENTS WERE SUBMITTED EITHER WITH PARENT APPLICATIONS 10/717,812 AND 10/718,050 BOTH FILED 11/20/03, OR 09/942,237 FILED 8/29/01.

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBL. DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	5,780,383	7/98	Hollstein et al.	502	324	12/10/92
	5,786,294	7/98	Sachtler et al.	502	349	5/10/96
	5,802,870	9/98	Arnold et al.	62	480	5/2/97
	5,831,139	11/98	Schmidt et al.	585	315	3/26/97
	5,837,641	11/98	Gosling et al.	502	219	1/16/96
	5,862,060	1/99	Murray, Jr.	364	528.01	11/22/96
	6,180,556	1/01	Marella et al.	502	217	3/11/99
	6,184,430 B1	2/01	Venkatesh et al.	585	750	12/5/96
	6,214,764	4/01	Gillespie	502	230	8/1/99
	6,320,089	11/01	Gillespie	585	744	1/9/01
	6,359,179	3/02	Nemeth et al.	568	387	12/22/99
	6,448,198	9/02	Szabo et al.	502	217	7/10/00
	6,495,733	12/02	Peratello et al.	585	743	7/15/99
	6,573,417 B1	6/03	Rice	585	738	11/5/01
	6,593,504	7/03	Bricker et al.	585	470	10/19/99
TD	6,706,659 B2	3/04	Gillespie et al.	502	217	3/29/01

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER DTH	DATE CONSIDERED 7/8/01
---	---

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.